Type dictionary in python.

Goal: Learn about dictionaries in python.

A dictionary allows you to associate values index by keys. Dictionaries can be created using values in curly braces like this:

```
a = {
 "name" : "CCM3",
 "center" : "NCAR,"
 "model_of" : "Atmosphere"
 }
```

To access members of the dictionary, we use the key−indexing facility:

```
model_name = a["model"]
modelling_center = a["center"]
```

The *keys* associated with a dictionary can be obtained as a list by:

```
b = a.keys()
```

You can check the dictionary membership by using the *has_key()* method:

```
if a.has_key("model_of"):
 print a["model_of"]
else:
 print "Unknown model of"
```

NOTE:

Dictionaries have no concept of order among elements. It is incorrect to say that the elements are "out of order"; they are simply unordered.